GenCore version 5.1.4_p5_4578

OM protein - protein search, using sw model

Run on: March 17, 2003, 07:23:50 ; Search time 10.1832 Seconds
(without alignments)
131.262 Million cell updates/sec

Title: US-09-787-082-6
Perfect score: 173
Sequence: 1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB.pep:*
2: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB.pep:*
3: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB.pep:*
4: /cgn2_6/ptodata/1/pubpaa/US06_PUBCOMB.pep:*
5: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB.pep:*
6: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep:*
7: /cgn2_6/ptodata/1/pubpaa/PCTUS_PUBCOMB.pep:*
8: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep:*
9: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB.pep:*
10: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep:*
11: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
12: /cgn2_6/ptodata/1/pubpaa/US10_PUBCOMB.pep:*
13: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB.pep:*
14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	71.5	41.3	40	10	US-09-894-882-275	Sequence 275, App
2	70	40.5	1174	9	US-10-184-644-353	Sequence 353, App
3	69	39.9	2388	9	US-10-184-644-457	Sequence 457, App
4	68.5	39.6	32	10	US-09-894-882-470	Sequence 470, App
5	68.5	39.6	40	10	US-09-894-882-498	Sequence 498, App
6	68.5	39.6	68	10	US-09-894-882-274	Sequence 274, App
7	68	39.3	1300	9	US-10-174-590-269	Sequence 269, App
8	68	39.3	1300	9	US-10-176-758-269	Sequence 269, App
9	68	39.3	1300	9	US-10-175-737-269	Sequence 269, App
10	68	39.3	1300	9	US-10-173-706-269	Sequence 269, App
11	68	39.3	1300	9	US-10-175-738-269	Sequence 269, App
12	68	39.3	1300	9	US-10-175-752-269	Sequence 269, App
13	68	39.3	1300	9	US-10-176-482-269	Sequence 269, App
14	68	39.3	1300	9	US-10-176-757-269	Sequence 269, App
15	68	39.3	1300	9	US-10-176-913-269	Sequence 269, App
16	68	39.3	1300	9	US-10-180-552-269	Sequence 269, App
17	68	39.3	1300	9	US-10-180-557-269	Sequence 269, App
18	68	39.3	1300	9	US-10-173-700-269	Sequence 269, App
19	68	39.3	1300	9	US-10-174-572-269	Sequence 269, App
20	68	39.3	1300	9	US-10-174-579-269	Sequence 269, App
21	68	39.3	1300	9	US-10-174-582-269	Sequence 269, App
22	68	39.3	1300	9	US-10-174-588-269	Sequence 269, App
23	68	39.3	1300	9	US-10-175-739-269	Sequence 269, App
24	68	39.3	1300	9	US-10-175-740-269	Sequence 269, App
25	68	39.3	1300	9	US-10-175-743-269	Sequence 269, App
26	68	39.3	1300	9	US-10-176-488-269	Sequence 269, App
27	68	39.3	1300	9	US-10-176-492-269	Sequence 269, App
28	68	39.3	1300	9	US-10-176-747-269	Sequence 269, App
29	68	39.3	1300	9	US-10-176-750-269	Sequence 269, App
30	68	39.3	1300	9	US-10-176-985-269	Sequence 269, App
31	68	39.3	1300	9	US-10-176-987-269	Sequence 269, App
32	68	39.3	1300	9	US-10-176-991-269	Sequence 269, App
33	68	39.3	1300	9	US-10-176-992-269	Sequence 269, App
34	68	39.3	1300	9	US-10-176-993-269	Sequence 269, App
35	68	39.3	1300	9	US-10-184-658-269	Sequence 269, App
36	68	39.3	1300	9	US-10-173-695-269	Sequence 269, App
37	68	39.3	1300	9	US-10-173-697-269	Sequence 269, App
38	68	39.3	1300	9	US-10-173-705-269	Sequence 269, App
39	68	39.3	1300	9	US-10-174-576-269	Sequence 269, App
40	68	39.3	1300	9	US-10-174-585-269	Sequence 269, App
41	68	39.3	1300	9	US-10-174-586-269	Sequence 269, App
42	68	39.3	1300	9	US-10-175-747-269	Sequence 269, App
43	68	39.3	1300	9	US-10-176-481-269	Sequence 269, App
44	68	39.3	1300	9	US-10-176-485-269	Sequence 269, App
45	68	39.3	1300	9	US-10-176-487-269	Sequence 269, App

ALIGNMENTS

RESULT 1
US-09-894-882-275
; Sequence 275, Application US/09894882
; Patent No. US20020102607A1
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Cognetix, Inc.
; APPLICANT: Walker, Craig S.
; APPLICANT: Shetty, Reshma
; APPLICANT: Jimenez, Elsie C.
; APPLICANT: McIntosh, J. Michael
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: Watkins, Maren
; APPLICANT: Jones, Robert M.
; APPLICANT: Shen, Greg S.
; TITLE OF INVENTION: I-Superfamily Conotoxins
; FILE REFERENCE: 2314-238
; CURRENT APPLICATION NUMBER: US/09/894,882
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/243,410
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/246,581
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: US 60/247,714
; PRIOR FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: US 60/264,256
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 506
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 275
; LENGTH: 40
; TYPE: PRT
; ORGANISM: Conus virgo
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(40)
; OTHER INFORMATION: Xaa at residues 3, 13 and 30 is Pro or hydroxy-Pro; Xaa at re
; OTHER INFORMATION: e 40 is Glu or gamma-carboxy-Glu; Xaa at residue 23 is Trp or
; OTHER INFORMATION: mo-Trp; Xaa at residue 11 is Tyr, 125I-Tyr, mono-iodo-Tyr, di
; OTHER INFORMATION: o-Tyr, O-sulpho-Tyr or O-phospho-Ty

US-09-894-882-275

Query Match 41.3%; Score 71.5; DB 10; Length 40;
Best Local Similarity 51.9%; Pred. No. 0.098;
Matches 14; Conservative 2; Mismatches 10; Indels 1; Gaps 1;

```
Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTR 27
          |   |  ||| :  ||:| | || |||
Db      1 CFXLGTFCSRXL-XCCSGMCCSGXCTR 26
```

RESULT 2
US-10-184-644-353
; Sequence 353, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker,Kevin P.
; APPLICANT: Chen,Jian
; APPLICANT: Desnoyers,Luc
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Pan,James
; APPLICANT: Smith,Victoria
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; CURRENT FILING DATE: 2002-06-28
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 353
; LENGTH: 1174
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-353

Query Match 40.5%; Score 70; DB 9; Length 1174;
Best Local Similarity 44.8%; Pred. No. 2.5;
Matches 13; Conservative 1; Mismatches 11; Indels 4; Gaps 1;

```
Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
            | | || |:     || | |  | ||  |
Db     51 CAGGGAGCT----GCCCGGCTGGCCTAGG 75
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RESULT 3
US-10-184-644-457
; Sequence 457, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker,Kevin P.
; APPLICANT: Chen,Jian
; APPLICANT: Desnoyers,Luc
; APPLICANT: Goddard,Audrey
; APPLICANT: Godowski,Paul J.
; APPLICANT: Gurney,Austin L.
; APPLICANT: Pan,James
; APPLICANT: Smith,Victoria
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; CURRENT FILING DATE: 2002-06-28
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 457
; LENGTH: 2388
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-457

Query Match 39.9%; Score 69; DB 9; Length 2388;
Best Local Similarity 48.3%; Pred. No. 5.8;
Matches 14; Conservative 1; Mismatches 12; Indels 2; Gaps 1;

```
Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | || |      |||| | :| ||  |
Db    836 CAGAGATC--CTGGCCTGCCCAGTCTCAG 862
```

RESULT 4
US-09-894-882-470
; Sequence 470, Application US/09894882
; Patent No. US20020102607A1
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Cognetix, Inc.
; APPLICANT: Walker, Craig S.
; APPLICANT: Shetty, Reshma
; APPLICANT: Jimenez, Elsie C.
; APPLICANT: McIntosh, J. Michael
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: Watkins, Maren
; APPLICANT: Jones, Robert M.
; APPLICANT: Shen, Greg S.
; TITLE OF INVENTION: I-Superfamily Conotoxins
; FILE REFERENCE: 2314-238
; CURRENT APPLICATION NUMBER: US/09/894,882
; CURRENT FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/243,410
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/246,581
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: US 60/247,714
; PRIOR FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: US 60/264,256
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 506
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 470
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Conus virgo
US-09-894-882-470

Query Match 39.6%; Score 68.5; DB 10; Length 32;
Best Local Similarity 51.9%; Pred. No. 0.17;
Matches 14; Conservative 2; Mismatches 10; Indels 1; Gaps 1;

```
Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTR 27
          |   |  ||| :  ||:| | || |||
Db      1 CFPLGTFCSRYL-PCCSGMCCSGWCTR 26
```

RESULT 5
US-09-894-882-498
; Sequence 498, Application US/09894882
; Patent No. US20020102607A1
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Cognetix, Inc.
; APPLICANT: Walker, Craig S.
; APPLICANT: Shetty, Reshma
; APPLICANT: Jimenez, Elsie C.
; APPLICANT: McIntosh, J. Michael
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: Watkins, Maren

```
;  APPLICANT:  Jones, Robert M.
;  APPLICANT:  Shen, Greg S.
;  TITLE OF INVENTION: I-Superfamily Conotoxins
;  FILE REFERENCE: 2314-238
;  CURRENT APPLICATION NUMBER: US/09/894,882
;  CURRENT FILING DATE:  2001-06-29
;  PRIOR APPLICATION NUMBER: US 60/
;  PRIOR FILING DATE: 2000-06-30
;  PRIOR APPLICATION NUMBER: US 60/243,410
;  PRIOR FILING DATE: 2000-10-27
;  PRIOR APPLICATION NUMBER: US 60/246,581
;  PRIOR FILING DATE: 2000-11-08
;  PRIOR APPLICATION NUMBER: US 60/247,714
;  PRIOR FILING DATE: 2000-11-14
;  PRIOR APPLICATION NUMBER: US 60/264,256
;  PRIOR FILING DATE: 2001-01-29
;  NUMBER OF SEQ ID NOS: 506
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 498
;   LENGTH: 40
;   TYPE: PRT
;   ORGANISM: Conus virgo
US-09-894-882-498

  Query Match             39.6%;  Score 68.5;  DB 10;  Length 40;
  Best Local Similarity   51.9%;  Pred. No. 0.21;
  Matches   14;  Conservative    2;  Mismatches   10;  Indels    1;  Gaps    1;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTR 27
          |   |  |||  :  ||:| | || |||
Db      1 CFPLGTFCSRYL-PCCSGMCCSGWCTR 26


RESULT 6
US-09-894-882-274
; Sequence 274, Application US/09894882
; Patent No. US20020102607A1
; GENERAL INFORMATION:
;  APPLICANT: University of Utah Research Foundation
;  APPLICANT:  Cognetix, Inc.
;  APPLICANT:  Walker, Craig S.
;  APPLICANT:  Shetty, Reshma
;  APPLICANT:  Jimenez, Elsie C.
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Olivera, Baldomero M.
;  APPLICANT:  Watkins, Maren
;  APPLICANT:  Jones, Robert M.
;  APPLICANT:  Shen, Greg S.
;  TITLE OF INVENTION: I-Superfamily Conotoxins
;  FILE REFERENCE: 2314-238
;  CURRENT APPLICATION NUMBER: US/09/894,882
;  CURRENT FILING DATE:  2001-06-29
;  PRIOR APPLICATION NUMBER: US 60/
;  PRIOR FILING DATE: 2000-06-30
;  PRIOR APPLICATION NUMBER: US 60/243,410
;  PRIOR FILING DATE: 2000-10-27
;  PRIOR APPLICATION NUMBER: US 60/246,581
;  PRIOR FILING DATE: 2000-11-08
;  PRIOR APPLICATION NUMBER: US 60/247,714
;  PRIOR FILING DATE: 2000-11-14
;  PRIOR APPLICATION NUMBER: US 60/264,256
;  PRIOR FILING DATE: 2001-01-29
;  NUMBER OF SEQ ID NOS: 506
;  SOFTWARE: PatentIn version 3.0
; SEQ ID NO 274
;   LENGTH: 68
;   TYPE: PRT
;   ORGANISM: Conus virgo
US-09-894-882-274

  Query Match             39.6%;  Score 68.5;  DB 10;  Length 68;
  Best Local Similarity   51.9%;  Pred. No. 0.32;
  Matches   14;  Conservative    2;  Mismatches   10;  Indels    1;  Gaps    1;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTR 27
          |   |  |||  :  ||:| | || |||
Db     29 CFPLGTFCSRYL-PCCSGMCCSGWCTR 54


RESULT 7
US-10-174-590-269
; Sequence 269, Application US/10174590
; Publication No. US20030008352A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C42
;  CURRENT APPLICATION NUMBER: US/10/174,590
;  CURRENT FILING DATE:  2002-06-18
;  Prior application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-174-590-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 8
US-10-176-758-269
; Sequence 269, Application US/10176758
; Publication No. US20030008353A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C104
;  CURRENT APPLICATION NUMBER: US/10/176,758
;  CURRENT FILING DATE:  2002-06-21
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-176-758-269
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```
  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 9
US-10-175-737-269
; Sequence 269, Application US/10175737
; Publication No. US20030013153A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C50
;  CURRENT APPLICATION NUMBER: US/10/175,737
;  CURRENT FILING DATE:  2002-06-19
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-175-737-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 10
US-10-173-706-269
; Sequence 269, Application US/10173706
; Publication No. US20030022293A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C7
;  CURRENT APPLICATION NUMBER: US/10/173,706
;  CURRENT FILING DATE:  2002-06-17
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-173-706-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 11
US-10-175-738-269
; Sequence 269, Application US/10175738
; Publication No. US20030022294A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C45
;  CURRENT APPLICATION NUMBER: US/10/175,738
;  CURRENT FILING DATE:  2002-06-19
;  Prior application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-175-738-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 12
US-10-175-752-269
; Sequence 269, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C60
;  CURRENT APPLICATION NUMBER: US/10/175,752
;  CURRENT FILING DATE:  2002-06-19
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
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; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-175-752-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 13
US-10-176-482-269
; Sequence 269, Application US/10176482
; Publication No. US20030022296A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C70
;  CURRENT APPLICATION NUMBER: US/10/176,482
;  CURRENT FILING DATE:  2002-06-20
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-176-482-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 14
US-10-176-757-269
; Sequence 269, Application US/10176757
; Publication No. US20030022297A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C86
;  CURRENT APPLICATION NUMBER: US/10/176,757
;  CURRENT FILING DATE:  2002-06-20
;  Prior Application removed - See File Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-176-757-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


RESULT 15
US-10-176-913-269
; Sequence 269, Application US/10176913
; Publication No. US20030022298A1
; GENERAL INFORMATION:
;  APPLICANT: Baker,Kevin P.
;  APPLICANT:  Chen,Jian
;  APPLICANT:  Desnoyers,Luc
;  APPLICANT:  Goddard,Audrey
;  APPLICANT:  Godowski,Paul J.
;  APPLICANT:  Gurney,Austin L.
;  APPLICANT:  Pan,James
;  APPLICANT:  Smith,Victoria
;  APPLICANT:  Watanabe,Colin K.
;  APPLICANT:  Wood,William I.
;  APPLICANT:  Zhang,Zemin
;  TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;  TITLE OF INVENTION:  ACIDS ENCODING THE SAME
;  FILE REFERENCE: P3430R1C66
;  CURRENT APPLICATION NUMBER: US/10/176,913
;  CURRENT FILING DATE:  2002-06-20
;  Prior Application removed - See file Wrapper or Palm
;  NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 269
;   LENGTH: 1300
;   TYPE: PRT
;   ORGANISM: Homo Sapien
US-10-176-913-269

  Query Match             39.3%;  Score 68;  DB 9;  Length 1300;
  Best Local Similarity   37.9%;  Pred. No. 4.5;
  Matches   11;  Conservative    3;  Mismatches   15;  Indels    0;  Gaps    0;

Qy      1 CKGKGAKCSRLMYDCCTGSCRSGKCTRNG 29
          | | |  |:     || |:| :| |   |
Db    907 CAGAGCCCACACTGCCAGTCGAGGCCTGG 935


Search completed: March 17, 2003, 07:29:18
Job time : 11.1832 secs
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